

# Advanced Metering Working Group

Recommendations on the Application of  
Advanced Metering Through  
Alternative Financed Energy Contracts

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## Initial Considerations:

- Advanced metering will probably be unfunded.
- Alternative financing would be an attractive option.
- Advanced metering will assist M&V and performance assurance, and lead to additional projects.
- Guidance should be consistent with proposed Congressional direction e.g. S 2095 and provide a start of required guidance.

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## Objective Statement:

Identify opportunities and establish guidance to install advanced metering technologies at federal sites, particularly via existing or new alternative financing vehicles.

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Definitions needed for consistency

## **Advanced Meters**

- Measure and record interval data, and
- Communicate the data to a remote location

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Definitions needed for consistency

## Advanced Metering System

- Accept data from one or more meters
- Process energy use data allowing appropriate action

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## Action Path

- Develop guidelines for advanced metering applications via alternative financing
- Identify installation strategies

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## Guidelines

- Potential applications
- Types of meters
- Benefits and costs

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## Potential Application Strategies

- Up-front installation by site request
- As an ECM
  - Project identification tool
  - M&V
  - Load management, demand response purchasing, diagnostic tool (Retro-Commissioning)



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## Existing Successful Examples

- Resource Efficiency Managers use of advanced meters at Navy's San Diego area installations
- Denver Federal Center
- Fort Bragg